

# DEVICE FOR MAINTAINING TENSION ON LIFT CABLES

## ABSTRACT

A device for preventing the tangling or crossing of lift cables by maintaining the tension on the lift cables. When the tension is removed from lift  
5 cables (4) by placing a boat in a water body, the cables (4) become slack and can cross and/or tangle at a winderbar (1), which greatly reduces the life of the cables (4) and can cause serious damage to boatlift and boat. The present invention applies a tensioning means to the cables (4) by utilizing a weight (10) and pulley (9) or a spring (15) attached to an end of the lift cable (4). Lift cables (4) are  
10 first attached at one end to the winderbar (1). The cables (4) are then fed through the cradle (13). When using the weight (10) and pulley (4) system, the cables (4) are placed over a pulley (9) so that the weight (10) attached to the opposite end of the cable (4) maintains tension on the cables (4). The spring (15) tension means attaches the tag end of the cable (5) to the windbar (1) and the opposite end of the  
15 cable (4) is attached to a spring (15). The spring (15) is then affixed to a stationary object, such as a boatlift top beam (3) in order to maintain tension on the cables (4).